

Abstract of the Disclosure

A magnetic flux control means for a motor-generator, in which an annular member regulates the magnetic flux while the on-off operation of a switching means provides more than one constant voltage depending on the rpm of the rotor. A stator contains high-tension windings, low-tension windings and variable-voltage windings. A controller conducts the switching operation among the windings to produce any desired voltage of, for example a high-tension of 100V, a low-tension of 27V for automotive electrical equipment and a variable voltage for control of an actuator. The annular member may be arranged for angular movement with respect to the stator, either outside or inside the stator.